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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/786,877	03/12/2001	Hiroaki Irie	10873.642USW	7987
7590 03/03/2005			EXAMINER	
Merchant & Gould PO Box 2903 Minneapolis, MN 55402-0903			TRAN, THANG V	
			ART UNIT	PAPER NUMBER
			2653	
DATE MAILED: 03/03/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Requested copy attached.



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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

10873.642USWO

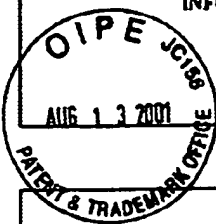
Application Number:

09/786,877

Applicant: Irie et al.

Filing Date: March 12, 2001

Group Art Unit: 2653



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ll</i>	5,452,284	09/19/1995	Miyagawa et al.	—	—	
<i>ll</i>	5,616,390	04/01/1997	Miyagawa et al.	—	—	
<i>ll</i>	5,852,599	12/22/1998	Fuji	—	—	
<i>ll</i>	5,726,969	03/10/1998	Moriya et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>ll</i>	9-91781	04/04/1997	Japan	—	—	Abstract	
<i>ll</i>	5-314538	11/26/1993	Japan	—	—	Abstract	
<i>ll</i>	6-176404	06/24/1994	Japan	—	—		
<i>ll</i>	6-309673	11/04/1994	Japan	—	—	Abstract	
<i>ll</i>	6-338066	12/06/1994	Japan	—	—	Abstract	
<i>ll</i>	9-120584	05/06/1997	Japan	—	—	Abstract	
<i>ll</i>	9-265633	10/07/1997	Japan	—	—		
<i>ll</i>	EP 0 715 301 A2	06/05/1996	EPO	—	—		
<i>ll</i>	9-259438	10/03/1997	Japan	—	—	Abstract	
<i>ll</i>	10-83567	03/31/1998	Japan	—	—	Abstract	
<i>ll</i>	3-219440	09/26/1991	Japan	—	—	Abstract	
<i>ll</i>	2-301020	12/13/1990	Japan	—	—	Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

Chang V. Tran

DATE CONSIDERED

09/08/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.



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EXAMINER	<i>Thang V. Tran</i>	DATE CONSIDERED	<i>10/18/03</i>
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FORM 1449*

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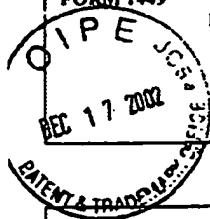
Application Number:

09786,877

Applicant: IRJE et al.

Filing Date: March 12, 2001

Group Art Unit: 2652



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u	6,266,299	July 2001	Oshima et al.	RECEIVED DEC 18 2002 Technology Center 2600		
u	6,052,465	Apr. 2000	Gotoh et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
u	11-162031	June 1999	Japan	—	—	See IDS	
u	10-233019	Sept. 1998	Japan	—	—	See IDS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



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PATENT TRADEMARK OFFICE

EXAMINER

Thang V. Dao

DATE CONSIDERED

10/18/03

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